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	Filing Date			
	First Named Inventor	Shugo USAMI		
	Art Unit			
	Examiner Name			
Attorney Docket Number		ASAIN0175		

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4	2004-334640	JP		2004-11-25	Institute of Physical and Chemical Research		<input checked="" type="checkbox"/>
5	2002-024306	JP		2002-01-25	Suzuki Motor Corp		<input checked="" type="checkbox"/>
6	07-057089	JP		1995-03-03	Toshiba Corp		<input checked="" type="checkbox"/>
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	1	TESHIMA, Yoshinori et al., "Shape Approximation, Cube Cutting and Enumeration", ISM Symposium 2003 - Statistics, Combinatorics and Geometry, p. 9, 2003.	<input type="checkbox"/>
	2	TESHIMA, Yoshinori et al., "Enumeration on Cube Cutting", pp. 87-88.	<input type="checkbox"/>
	3	HOFFMANN, Christoph M., "The Problems of Accuracy and Robustness in Geometric Computation", March 1989, pp. 31-41.	<input type="checkbox"/>
	4	JU, Tao, et al. "Dual Contouring of Hermite Data".	<input type="checkbox"/>
	5	SCHROEDER, William J., "A Topology Modifying Progressive Decimation Algorithm",	<input type="checkbox"/>

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6	SCHROEDER, William J., et al., "Decimation of Triangle Meshes".	<input type="checkbox"/>
7	RENZE, Kevin J., et al., "Generalized Surface and Volume Decimation for Unstructured Tessellated Domains", Proceedings of VRAIS '96, pp. 111-121, 1996.	<input type="checkbox"/>
8	HAMANN, Bernd, "A Data Reduction Scheme for Triangulated Surfaces", Computer Aided Geometric Design 11, pp. 197-214, 1994.	<input type="checkbox"/>
9	NAVAZO, I., "Extended Octree Representation of General Solids with Plane Faces: Model Structure and Algorithms", Comput. & Graphics, Vol. 13, No. 1, pp. 5-16, 1989.	<input type="checkbox"/>
10	HOPPE, Hugues et al. "Mesh Optimization".	<input type="checkbox"/>
11	HOPPE, Hugues, "Progressive Meshes".	<input type="checkbox"/>
12	LINDSTROM, Peter et al., "Evaluation of Memoryless Simplification", IEEE Transactions on Visualization and Computer Graphics, Vol. 5, No. 2, pp. 98-115, April-June 1999.	<input type="checkbox"/>
13	GARLAND, Michael et al., "Surface Simplification Using Quadric Error Metrics".	<input type="checkbox"/>
14	SUGIHARA, KOKICHI et al., "A Solid Modelling System Free from Topological Inconsistency", Journal of Information Processing, Vol. 12, No. 4., pp. 380-393, 1989.	<input type="checkbox"/>
15	KELA, Ajay, "Hierarchical Octree Approximations for Boundary Representation-Based Geometric Models", Computer-Aided Design 21, No. 6, London, pp. 355-362, July-August 1989.	<input type="checkbox"/>
16	NAVAZO, I. et al., "A Geometric Modeller based on the Exact Octree Representation of Polyhedra", Computer Graphics Forum 5, pp. 91-104, 1986.	<input type="checkbox"/>

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17	LORENSEN, William E. et al., "Marching Cubes: A High Resolution 3D Surface Construction Algorithm", Computer Graphics, Vol. 21, No. 4, pp. 163-169.	<input type="checkbox"/>
18	HAMA, Takayuki et al., "A Stable and Fast New Contact Search Algorithm for FEM Simulation of Metal Forming Process", JSME/ASME International Conference on Materials and Processing, October 15-18, 2002, Honolulu, pp. 367-372.	<input type="checkbox"/>
19	KASE, K. et al., "Volume CAD", Volume Graphics, pp. 145-173, 2003.	<input type="checkbox"/>
20	International Search Report issued in corresponding application No. PCT/JP2004/010023 completed August 25, 2004 and mailed September 14, 2004.	<input type="checkbox"/>

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Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

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☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- ☐ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Joerg-Uwe Szpil/	Date (YYYY-MM-DD)	2006-04-13
Name/Print	Joerg-Uwe Szpil	Registration Number	31799

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